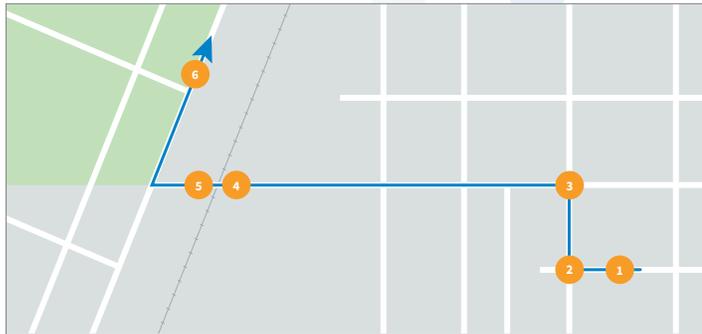


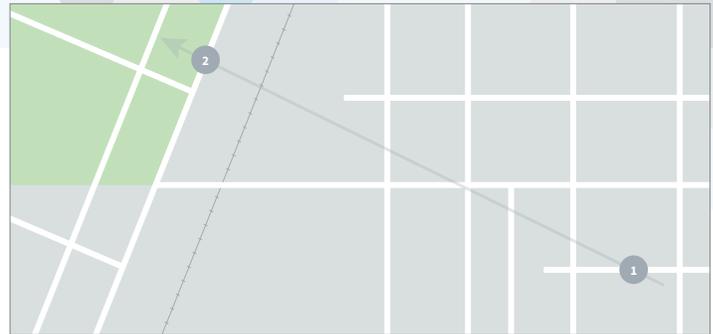
# INTELLIGENT LOGGING GPS

See all vehicle activity down to the start, stop, turn, hard-brake, idle, and more.

<p><b>LOG</b></p> <p>every turn, every stop</p>	<p><b>TRACK</b></p> <p>vehicle activity and position</p>	<p><b>RECORD</b></p> <p>activity even in areas of limited cell coverage</p>	<p><b>PROTECT</b></p> <p>accident and complaint analysis</p>
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Unlike other GPS solutions, Zonar's Intelligent Logging GPS accurately recreates vehicles trips by logging vehicle activity such as start, stop, turn, hard brake and idle.



Competitors' Interval-based GPS logging tracks basic GPS location information and logs points on a fixed schedule.

FEATURE	ZONAR	vs.	COMPETITOR
<b>Data Fidelity</b>	Captures data in five dimensions - latitude, longitude, fuel, time and odometer. A vast improvement over a typical GPS solution because Zonar cost-effectively captures higher sample rates and adds odometer data.		Records basic GPS information, such as latitude, longitude and time.
<b>Activity Tracking</b>	Event-based recording is easier to see when your vehicles idle, turn, hard-brake and more. Provides a clear view of their trip.		Logs points on a fixed schedule, regardless of activity.
<b>Cellular Data Usage</b>	Records points based on critical events, reducing unnecessary logging when no changes have occurred in heading, speed, direction, etc.		Records based on a fixed interval, regardless of need, increasing data usage by up to 4x
<b>Cellular Coverage</b>	In areas of limited cellular coverage, Zonar's system will log up to six months of data between transmissions.		Requires constant cellular coverage or data points are lost.
<b>Data Transmission</b>	Compressed, encrypted and transmitted over a private VPN.		Standard transmission
<b>Accessory Usage</b>	Records usage and location of up to five accessories, such as PTO, plow down, bucket deployment and boom out.		Not available
<b>Hard-braking</b>	Records hard-braking and the location it occurred		Not available
<b>Power/Motion</b>	Records when and where drivers begin and end their trip.		Not available
<b>Speed</b>	Pulling data directly from the ECM, Zonar provides more accurate speed data.		Calculates speed using GPS
<b>Turning</b>	Logs a point when vehicles turn and records vehicle heading.		Logs points based on fixed time

### **Captures Driver Activity, Accessory Usage and GPS**

Unlike other GPS systems which only ping for GPS location on a rigidly-timed schedule, the Zonar V3™ **“Intelligent Logging”** algorithm senses all vehicle activity – every start, stop, turn, brake, idle and accessory use (PTO, boom out, bucket deployment, plow down, etc.) – and logs the GPS location, heading, and speed for every one of these events.

### **Enterprise Grade Data Transmission**

Data collected by Zonar’s GPS system is compressed, encrypted, and transmitted to our data centers over a private VPN on the AT&T cellular network. This high-resolution path data allows you to see the location of every one of your vehicles in near real-time, with an exact record of every action performed by the vehicle during every trip.

### **Works Without Cellular Signal**

Zonar’s Intelligent Logging automatically stores data for situation where cellular service is not available and stores it for up to 6 months. Once cellular service is available, all data is sent to your account, providing you with the same robust data regardless of where your fleet does business.

### **Features and Capabilities**

- High-fidelity GPS data with events for start, stop, braking, speed and more
- Tracks usage and location of accessories such as PTO, boom, bucket and more
- Near real-time location data for every asset
- Store data for up to 6 months when outside of cellular network
- Secure, enterprise grade data transmission
- 24/7/365 U.S.-based customer care
- Works with the Zonar suite of products



For more information, visit [www.zonarsystems.com](http://www.zonarsystems.com)

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